

Claims

- 10009485-121301
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1. Process for producing continuous-flow units for microstructured analytical systems, characterized in that
- 5 a) at least two plastic components are provided, of which at least one component is microstructured;
- 10 b) at least one component is wetted with adhesive such that, after the components are joined together, the interior of the channel system is not coated with adhesive;
- 15 c) the components are aligned;
- d) the components are pressed together;
- e) the glue is cured.
2. Process for producing continuous-flow units for microstructured analytical systems according to Claim 1, characterized in that at least one component for step a) is provided in advance with electrodes.
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3. Process for producing continuous-flow units for microstructured analytical systems according to Claim 1 or 2, characterized in that the alignment in step c) ~~is performed using sputtered optical registration markers.~~
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4. Continuous-flow unit for a microstructured analytical system produced by a process corresponding to one of Claims 1 to 3.
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5. Continuous-flow unit for a microstructured analytical system according to Claim 4, characterized in that the continuous-flow unit has electrodes which are in free contact with the interior of the channel system.
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6. Continuous-flow unit for a microstructured analytical system corresponding to one of Claims 4 or 5, characterized in that the electrodes have an adhesive coating of chromium oxide and a coating of noble metal.

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